

Appl. No. 10/591,894  
Amdt. dated August 4, 2009  
Reply to Office Action of May 5, 2009  
Attorney Docket No. 1455-062610

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/591,894 Confirmation No. 7985  
Applicants : Byung-Cheol LEE et al.  
Filed : May 1, 2007  
Title : Large-Area Shower Electron Beam Irradiator With Field  
Emitters As An Electron Source  
Art Unit : 4148  
Examiner : Sheryl L. Hull  
Customer No. : 28289

MAIL STOP AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office Action of May 5, 2009, please amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Amendments to the Drawings** begin on page 8 of this paper and include an attached replacement sheet and an annotated copy of the replacement sheet showing changes.

**Remarks** begin on page 9 of this paper.

I hereby certify that this correspondence is being electronically filed in the United States Patent and Trademark Office on the date indicated below.

\_\_\_\_\_  
Diane Paull

(Name of Person Mailing Paper)

Diane Paull

Signature

08/04/2009

Date